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EDUCATION

PhD. student in Ecology and Evolutionary Biology
University of Tennessee, Knoxville (2025–present)
BSc. in Biological Sciences
Universidad Nacional Mayor de San Marcos (2015)
Last two years focused in Botany courses.

PUBLICATIONS IN PEER-REVIEW JOURNALS

- Espinoza-Prieto, B.**, Mamontov, Yu.S., Opisso, J. & Atwood, J.J. New records of *Frullania* (Frullaniaceae, Marchantiophyta) from Peru, including notes on *F. tetraptera* and its synonyms. *Cryptogamie, Bryologie*, in press.
- Söderstrom, L., Harborg, A., Opisso Mejía, J.A., **Espinoza-Prieto, B.**, Pócs, T., Graham, J., Fischer, M., Larraín, J. & von Konrat, M. A checklist of liverworts and hornworts of Peru: Land of the Andes, the Amazon and the Coastal desert. *Lindbergia* 2025(1): 1–111.
- Espinoza-Prieto, B.** & Atwood, J.J. 2024. *Lejeunea caripensis*. In: Ellis et al. New National and Regional Records, 79. *Journal of Bryology* 46(4), 295–318.
- Espinoza-Prieto, B.** & Atwood, J.J. 2024. *Metzgeria claviflora*. In: Ellis et al. New National and Regional Records, 79. *Journal of Bryology* 46(4), 295–318.
- González, P., Castañeda, E., Huamán, E., Aparco, W., **Espinoza-Prieto, B.**, Salvador, J., Suárez, Y., Cusi, J., Olivera, D., Vilca, Y., Opisso, J., Cano, A. & Valencia, N. 2024. Flora and fauna of the Huarimayo forest (Canta, Lima-Peru): A little remnant area with high biodiversity. *Arnaldoa* 31(1): 39–84.
- Espinoza-Prieto, B.**, Atwood, J.J. & Opisso, J. 2024. *Frullania rigescens*. In: Ellis et al. New National and Regional Records, 77. *Journal of Bryology* 46(2): 139–155.
- Atwood, J.J. & **Espinoza-Prieto, B.** 2024. *Plagiochila cucullifolia*. In: Ellis et al. New National and Regional Records, 76. *Journal of Bryology* 46(1): 51–74.
- Espinoza-Prieto, B.** & Atwood, J.J. 2023. *Pleurozia paradoxa*. In: Ellis et al. New National and Regional Records, 75. *Journal of Bryology* 45(4): 321–338.
- Espinoza-Prieto, B.** & Gradstein, S.R. 2023. *Cheilolejeunea neblinensis*. In: Ellis et al. New National and Regional Records, 75. *Journal of Bryology* 45(4): 321–338.
- Salazar Allen, N., Dauphin, G., Villarreal, J.C., Caswell-Levy, C., Cox, E.R., **Espinoza P., B.A.**, Gudiño L., J., Hernández-Rodríguez, E., Magaña-Marcial, K.Y., Mezäka, A., Ramírez-Román, J.D., Rodríguez, L., Rojas Carbajal, A., Romero-Moreno, C., Tomitani, A. & Zevallos-Grijalva, K. 2022. Bryophytes of mangroves of Bocas del Toro, Panama. *Bryophyte Diversity and Evolution* 45 (1): 133 – 150.
- Espinoza-Prieto, B.** & Opisso, J. 2020. *Anthoceros tristanianus*. In: Ellis et al. New National and Regional Records 62. *Journal of Bryology* 42(2): 195–208.
- Atwood, J.J. & **Espinoza-Prieto, B.** 2020. *Frullania grandifolia*. In: Ellis et al. New National and Regional Records 62. *Journal of Bryology* 42(2): 195–208.
- Atwood, J.J., **Espinoza-Prieto, B.** & Gradstein, S.R. 2018. A new species of *Frullania* (Marchantiophyta: Frullaniaceae) from the Andes of Peru, and a range extension for *F. holostipula* to Bolivia. *Bryophyte Diversity and Evolution* 40 (2): 68–78.

RESEARCH FELLOWSHIPS

Missouri Botanical Garden. Ronald and Mary Pursell Bryological Endowment. Project: Diversity of the genus *Frullania* Raddi (Frullaniaceae) of Andean countries with emphasis to samples stored in MO. April 2023.
Missouri Botanical Garden. Shirley Graham Fellowship. Project: Taxonomy and distribution of genus *Frullania* Raddi (Frullaniaceae) in Peru. October 2019.

AWARDS, GRANTS AND SCHOLARSHIPS

International Association for Plant Taxonomy (IAPT). 2024 IAPT Research Grant. June 2024. Amount received: 2000 USD.
Field Museum of Natural History. Science visiting scholarship. January 2024. Amount received: 3500 USD.
International Association of Bryologists, Stanley Greene Award. Project: Taxonomy and distribution of genus *Frullania* Raddi (Frullaniaceae) in Peru. July 2019.
Research focused to specimen revision of local Peruvian herbaria. Herbaria visited: CPUN, CUZ, HUT.
Amount received: 500 USD.

POSTERS AND ORAL PRESENTATIONS

Diversidad y distribución de la familia Pottiaceae (Bryophyta) en el Perú. J. Ramos, J. Opisso & **B. Espinoza-Prieto**. II Congreso Nacional sobre Ciencias de la Vida y XXIX Reunión Científica del ICBAR “Rol de la biodiversidad para el desarrollo sustentable en América Latina.” Lima, Perú. 2023. Oral.
Estado de conocimiento del Phylum Anthocerotophyta en el Perú. J. Opisso & **B. Espinoza-Prieto**. I Congreso Nacional sobre Ciencias de la Vida y XXVIII Reunión Científica del ICBAR “Rol de la biodiversidad para el desarrollo sustentable en América Latina.” Lima, Perú. 2021. Oral.
Conocimiento actual del género *Frullania* Raddi (Frullaniaceae, Marchantiophyta) en el Perú. **B. Espinoza-Prieto**, D. Paredes-Burneo & J. Opisso. XII Congreso Latinoamericano de Botánica, Quito, Ecuador. 2018. Poster.
Etnobriología: una disciplina necesaria para la conservación de las briofitas en el Neotrópico. E. Hernández-Rodríguez, **B. Espinoza-Prieto** & K. Zevallos. XII Congreso Latinoamericano de Botánica, Quito, Ecuador. 2018. Poster.
Aporte al conocimiento de la brioflora de la provincia de Huancabamba, Piura. J. Opisso, A. Cano & **B. Espinoza-Prieto**. XXVII Reunión Científica ICBAR, Instituto de Investigaciones Antonio Raimondi (ICBAR), Facultad de Ciencias Biológicas, UNMSM. 2018. Oral.
Listado preliminar de las hepáticas (Marchantiophyta) del departamento de Cajamarca. **B. Espinoza-Prieto**, L. Cuta-Alarcón, J. Opisso & L. Brito. XVI Congreso Nacional de Botánica, Ayacucho, Peru. 2018. Poster.
Estudio preliminar de los musgos que se comercializan en Lima Metropolitana. J. Opisso, **B. Espinoza-Prieto**, K. Zevallos & A. Lazarinos. XXVI Reunión Científica ICBAR, Instituto de Investigaciones Antonio Raimondi (ICBAR), Facultad de Ciencias Biológicas, UNMSM. 2017. Poster.
Avance en el estudio de las hepáticas y antocerotas de las Lomas de Lima. **B. Espinoza-Prieto** & J. Opisso. XXV Reunión Científica ICBAR, Instituto de Investigaciones Antonio Raimondi (ICBAR), Facultad de Ciencias Biológicas, UNMSM. 2016. Poster.
Estado actual del conocimiento de las Marchantiophyta en el Perú. J. Opisso & **B. Espinoza-Prieto**. XXV Reunión Científica ICBAR, Instituto de Investigaciones Antonio Raimondi (ICBAR), Facultad de Ciencias Biológicas, UNMSM. 2016. Poster.

RELEVANT WORK EXPERIENCE

Museo de Historia Natural UNMSM

Collaborator researcher (January 2015 – present)

Research about the bryoflora of Peru with emphasis in the Frullaniaceae family. Collaboration on colleagues’ research projects.

Field Museum of Natural History

Research Visitor (September 2024 – November 2024)

Working with Andean *Frullania* and other Neotropical specimens stored in F as well as selected type material from other herbaria.

Missouri Botanical Garden

Research Visitor (September 2023 – August 2024)

Working with Andean *Frullania* specimens stored at MO, as part of the project: “Diversity of the genus *Frullania* Raddi (Frullaniaceae) of Andean countries with emphasis to samples stored in MO.”

Denver Botanical Garden

Spanish language reviewer (August 2023 – September 2023)

Review for different botanical scripts as part of educational program on social media (Instagram).

Objective target: general audience.

Missouri Botanical Garden

Research Visitor (October 2022 – December 2022)

Working with Peruvian *Frullania* specimens stored at MO, as part of the project: “Taxonomy and distribution of genus *Frullania* Raddi (Frullaniaceae) in Peru.”

Project: “Taxonomía, evolución y diversificación de Melastomataceae en el Perú.”

Field assistant (December 2021)

Fieldtrips to northern Peru to collect specimens of *Brachyotum* and other melastomes.

Project: “Taxonomía, Sistemática y diversificación de Scheffleroides neotropicales, con énfasis en el género *Sciodaphyllum*.”

Field assistant (April 2021 – May 2021)

Fieldtrips to northern Peru to collect specimens of *Sciodaphyllum*.

Missouri Botanical Garden

Fieldwork (July 2018)

Bryological exploration as part of the project: Actualization of the bryophyte checklist of Peru, developed in central Peru.

Proyecto Lomas de Asia

Researcher in collaboration (May 2018 – September 2018)

Inventory of representative flora in lomas ecosystem of Asia district (Lima) during 2018.

TEACHING EXPERIENCE

Faculty of Biological Sciences, Universidad Nacional Mayor de San Marcos, Lima, Peru.

Invited lecturer and assistant (August – December 2018, 2019, June 2022, September 2023)

Lecturer and assistant on bryophyte taxonomy (Liverworts, hornworts and mosses) in the courses Bryophytes and Pteridophytes, and Plant Diversity.

Faculty of Biology – Biotechnology, Vietnam National University Ho Chi Minh City.

Invited lecturer, Zoom (December 2022)

“Advances in the study of genus *Frullania* Raddi (Frullaniaceae) in Peru.”

Faculty of Sciences, Biology School, Universidad Nacional Federico Villarreal, Lima, Peru.

Invited lecturer (July 2019)

Lecturer on bryophyte topics in the course Cryptogams.

COMPLEMENTARY EDUCATION

Workshop: Manejo de base de datos de colecciones en BRAHMS. Museo de Historia Natural, Universidad Nacional Mayor de San Marcos. August 2019.

Workshop: Taller de Ilustración Botánica. Museo de Historia Natural, Universidad Nacional Mayor de San Marcos. February 2018.

Workshop: Taxonomy and Biology of Tropical Bryophytes. Smithsonian Tropical Research Institute, Bocas del Toro, Panama. August 2017.

Course: Hepáticas tropicales, ocurrencia, significación, taxonomía y ecología. Jardín Botánico de Missouri, Oxapampa, Peru. July 2017.

Course: Epífitos: Una introducción al estudio de dosel. Museo de Historia Natural, Universidad Nacional Mayor de San Marcos, Lima, Peru. March 2015.

Course: Sistemática y Taxonomía de Hepáticas. Universidad Pedagógica y Tecnológica de Colombia, Tunja, Colombia. July 2014.

OUTREACH

Museo de Historia Natural, Universidad Nacional Mayor de San Marcos.

Scientific collections open to the public (Every February from 2018 – 2020, and 2023).

Fan Page on Facebook, Twitter and Instagram: Briofitas Latinoamérica.

Scientific dissemination on various bryophyte topics: richness, diversity, ecology, taxonomy, evolution of these plants mainly in Latin America. (October 2017 – present).

MEMBERSHIPS

International Association of Bryologists. Since 2018.

Asociación para la botánica en el Perú. Since 2023.

International Association for Plant Taxonomy. Since 2024.